

Fulton  
~~Stamm~~

February 21, 1957

Dear Topsy:

I don't know if the protoplast angle ties together every angle of penicillin action, though there are immense possibilities of secondary effects, say from partial inhibitions of wall functions.

Lately I remembered and reread your work on SP-leucylglycine. It struck me (rather obviously) that there may be a glycine-permease which is readily inhibited by the penicillin effect, and needed to build up a usable intracellular concentration. The peptide either has a different permease or doesn't need one. I don't know whether you are still much concerned with this problem; I am only involved with penicillin myself now as a means of making protoplasts (for genetic experiments which are so far unsuccessful) and for straightening out the L-form mess.

Best regards,

JL